

**PALM INTRANET**Day : Tuesday  
Date: 11/20/2007  
Time: 14:23:17

## Inventor Information for 10/517717

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GAO, YANG	MADISON	CONNECTICUT

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(FILE 'HOME' ENTERED AT 11:22:44 ON 20 NOV 2007)

FILE 'REGISTRY' ENTERED AT 11:22:49 ON 20 NOV 2007

L1           STRUCTURE UPLOADED  
L2           STRUCTURE UPLOADED  
L3           STRUCTURE UPLOADED  
            D L2  
            D L3  
            D L1  
L4           201 SEA SSS FUL L2  
L5           3 SEA SUB=L4 SSS FUL L1  
L6           131 SEA SUB=L4 SSS FUL L3  
L7           70 SEA ABB=ON PLU=ON L4 NOT L6  
L8           69 SEA ABB=ON PLU=ON L7 NOT L5  
L9           ANALYZE PLU=ON L8 1- LC :       7 TERMS  
            D

FILE 'ZCAPLUS' ENTERED AT 11:25:54 ON 20 NOV 2007

L10          28 SEA ABB=ON PLU=ON L8  
            D QUE STA  
L11          26 SEA ABB=ON PLU=ON L10 AND (PD<=20050317 OR PRD<=20050317)  
L12          3 SEA ABB=ON PLU=ON L11 AND (PD<=20000822 OR PRD<=20000822)  
L13          0 SEA ABB=ON PLU=ON L12 AND (PD<20000822 OR PRD<20000822)  
            D QUE STA  
            D L12 IBIB 1-

FILE HOME

FILE REGISTRY

Property values tagged with IC are from the ZIC/VINITI data file provided by InfoChem.

STRUCTURE FILE UPDATES: 19 NOV 2007 HIGHEST RN 954997-95-6

DICTIONARY FILE UPDATES: 19 NOV 2007 HIGHEST RN 954997-95-6

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<http://www.cas.org/support/stngen/stndoc/properties.html>

FILE ZCAPLUS

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FILE COVERS 1907 - 20 Nov 2007 VOL 147 ISS 22  
FILE LAST UPDATED: 19 Nov 2007 (20071119/ED)

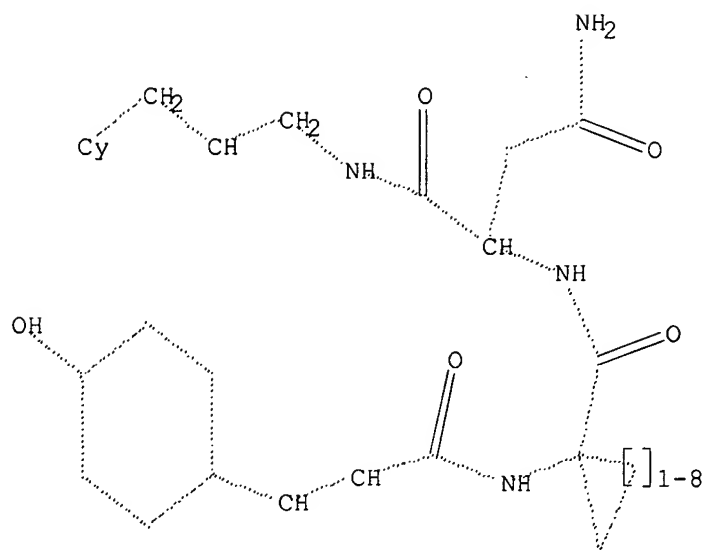
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This file contains CAS Registry Numbers for easy and accurate substance identification.

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L1

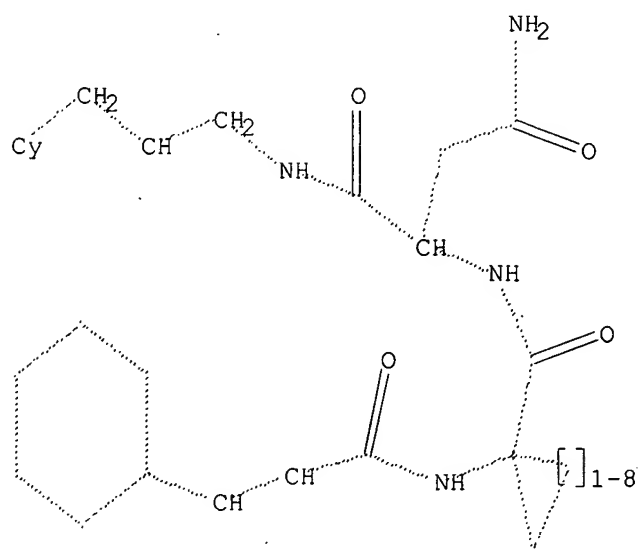
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Structure attributes must be viewed using STN Express query preparation.

L2

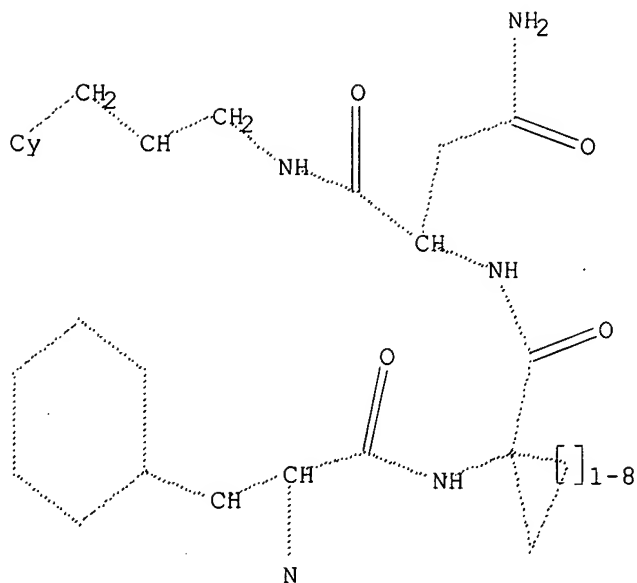
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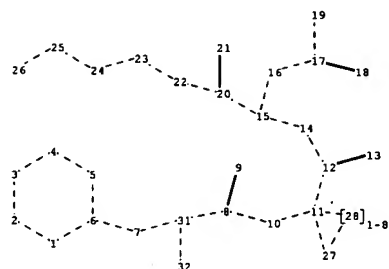
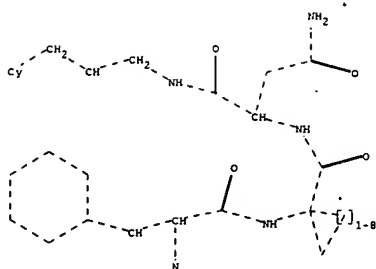
L3

STR



Structure attributes must be viewed using STN Express query preparation.

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L5	3	SEA FILE=REGISTRY	SUB=L4 SSS FUL L1	
L6	131	SEA FILE=REGISTRY	SUB=L4 SSS FUL L3	
L7	70	SEA FILE=REGISTRY	ABB=ON PLU=ON L4 NOT L6	
L8	69	SEA FILE=REGISTRY	ABB=ON PLU=ON L7 NOT L5	
L10	28	SEA FILE=ZCAPLUS	ABB=ON PLU=ON L8	
L11	26	SEA FILE=ZCAPLUS	ABB=ON PLU=ON L10 AND (PD<=20050317 OR PRD<=20050317)	
L12	3	SEA FILE=ZCAPLUS	ABB=ON PLU=ON L11 AND (PD<=20000822 OR PRD<=20000822)	
L13	0	SEA FILE=ZCAPLUS	ABB=ON PLU=ON L12 AND (PD<20000822 OR PRD<20000822)	



chain nodes :

9 13 16 17 18 19 21 25 26 32

ring nodes :

1 2 3 4 5 6 11 27 28

ring/chain nodes :

7 8 10 12 14 15 20 22 23 24 31

chain bonds :

6-7 8-9 12-13 15-16 16-17 17-18 17-19 20-21 24-25 25-26 31-32

ring/chain bonds :

7-31 8-10 8-31 10-11 11-12 12-14 14-15 15-20 20-22 22-23 23-24

ring bonds :

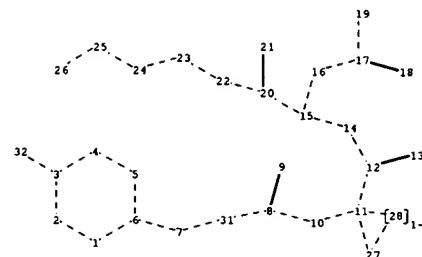
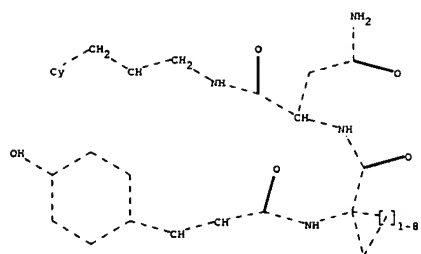
1-2 1-6 2-3 3-4 4-5 5-6 11-27 11-28 27-28

exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 6-7 7-31 8-10 8-9 8-31 10-11 11-12  
11-27 11-28 12-13 12-14 14-15 15-16 15-20 16-17 17-18 17-19 20-21  
20-22 22-23 23-24 24-25 25-26 27-28 31-32

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS  
10:CLASS 11:Atom 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS  
17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS  
24:CLASS 25:CLASS 26:Atom 27:Atom 28:Atom 31:CLASS 32:CLASS



chain nodes :

9 13 16 17 18 19 21 25 26 32

ring nodes :

1 2 3 4 5 6 11 27 28

ring/chain nodes :

7 8 10 12 14 15 20 22 23 24 31

chain bonds :

3-32 6-7 8-9 12-13 15-16 16-17 17-18 17-19 20-21 24-25 25-26

ring/chain bonds :

7-31 8-10 8-31 10-11 11-12 12-14 14-15 15-20 20-22 22-23 23-24

ring bonds :

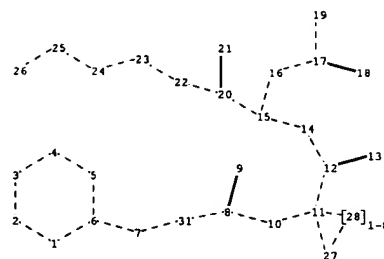
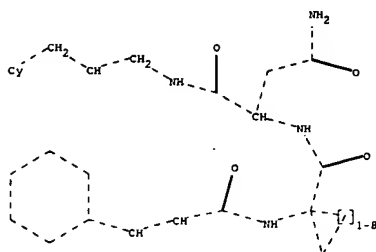
1-2 1-6 2-3 3-4 4-5 5-6 11-27 11-28 27-28

exact/norm bonds :

1-2 1-6 2-3 3-4 3-32 4-5 5-6 6-7 7-31 8-10 8-9 8-31 10-11  
11-12 11-27 11-28 12-13 12-14 14-15 15-16 15-20 16-17 17-18 17-19  
20-21 20-22 22-23 23-24 24-25 25-26 27-28

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS  
10:CLASS 11:Atom 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS  
17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS  
24:CLASS 25:CLASS 26:Atom 27:Atom 28:Atom 31:CLASS 32:CLASS



chain nodes :

9 13 16 17 18 19 21 25 26

ring nodes :

1 2 3 4 5 6 11 27 28

ring/chain nodes :

7 8 10 12 14 15 20 22 23 24 31

chain bonds :

6-7 8-9 12-13 15-16 16-17 17-18 17-19 20-21 24-25 25-26

ring/chain bonds :

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ring bonds :

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exact/norm bonds :

1-2 1-6 2-3 3-4 4-5 5-6 6-7 7-31 8-10 8-9 8-31 10-11 11-12  
11-27 11-28 12-13 12-14 14-15 15-16 15-20 16-17 17-18 17-19 20-21  
20-22 22-23 23-24 24-25 25-26 27-28

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS  
10:CLASS 11:Atom 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS  
17:CLASS 18:CLASS 19:CLASS 20:CLASS 21:CLASS 22:CLASS 23:CLASS  
24:CLASS 25:CLASS 26:Atom 27:Atom 28:Atom 31:CLASS



## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S23	155	S22 and cancer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:14
S22	155	S21 and peptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:14
S21	155	S19 and inhibitor?	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:14
S19	155	S18 and cyclic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:14
S18	204	S17 and sh2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:14
S17	52183	S16 or S15 or S13 or S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:14
S15	28339	wei.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:14
S14	12757	gao.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:14
S13	3937	voigt.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:14

## EAST Search History

S12	618	S11 and peptide	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:14
S11	621	S8 and cyclic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:14
S10	8	S8 and S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:14
S9	1583	530/317,323.ccls. 514/9.ccls.	USPAT	OR	ON	2006/10/25 14:14
S7	4323	S6 and inhibitor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:14
S4	15	(530/317,323.ccls. 514/9.ccls.) and sh2	USPAT	OR	ON	2006/10/25 14:14
S2	55	("3906031" "4394519" "4879398" "5182263" "5200546" "5272268" "5296608" "5369110" "5457114" "5463062" "5491253" "5508437" "5525733" "5580979" "5587372" "5612370" "5616776" "5627283" "5646036" "5679842" "5686292" "5688992" "5698731" "5707624" "5710129" "5710173" "5712395" "5753687" "5756817" "5773411" "5780496" "5786454" "5789427" "5792771" "5792783" "5834504" "5843997" "5849693" "5849742" "5880141" "5883110" "5883113" "5883116" "5886020" "5886195" "5891917" "5912183" "5935993" "5958957" "5965558" "5972978" "5981569" "6037134" "6228986" "6307090").PN.	USPAT	OR	ON	2006/10/25 14:14

## EAST Search History

S1	104	("3906031" "4394519" "4879398" "5182263" "5200546" "5272268" "5296608" "5369110" "5457114" "5463062" "5491253" "5508437" "5525733" "5580979" "5587372" "5612370" "5616776" "5627283" "5646036" "5679842" "5686292" "5688992" "5698731" "5707624" "5710129" "5710173" "5712395" "5753687" "5756817" "5773411" "5780496" "5786454" "5789427" "5792771" "5792783" "5834504" "5843997" "5849693" "5849742" "5880141" "5883110" "5883113" "5883116" "5886020" "5886195" "5891917" "5912183" "5935993" "5958957" "5965558" "5972978" "5981569" "6037134" "6228986" "6307090").PN.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2006/10/25 14:14
S8	1495	S7 and mimetic	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:15
S6	6885	SH2 or (src adj homology)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:15
S3	1583	530/317,323.ccls. 514/9.ccls.	USPAT	OR	ON	2006/10/25 14:15
S33	1	wo-200216407-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:19
S35	2	S33 or S34	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:20
S34	1	wo-200128577-\$.did.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2006/10/25 14:20
S37	2	2002-499774.NRAN. or S35	DERWENT	AND	ON	2006/10/25 14:21
S36	1	2002-499774.NRAN.	DERWENT	AND	ON	2006/10/25 14:21
S38	1	2002-499774.NRAN.	DERWENT	AND	ON	2007/10/16 13:57

## EAST Search History

S40	36	burke-ter\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/20 10:15
S39	533	burke-t\$.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/20 10:15
S16	8204	burke.in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	AND	ON	2007/11/20 10:15
S41	2	"6977241".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT	AND	ON	2007/11/20 10:28